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NEWS 4
        Aug 08
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                 Aquatic Toxicity Information Retrieval (AQUIRE)
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                 now available on STN
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                 JAPIO has been reloaded and enhanced
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                 Experimental properties added to the REGISTRY file
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         Sep 16
                 CA Section Thesaurus available in CAPLUS and CA
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                 BEILSTEIN adds new search fields
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                 More calculated properties added to REGISTRY
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                 CSA files on STN
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                 PCTFULL now covers WP/PCT Applications from 1978 to date
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NEWS 17 Dec 17
                 TOXCENTER enhanced with additional content
                 Adis Clinical Trials Insight now available on STN
NEWS 18 Dec 17
                 Simultaneous left and right truncation added to COMPENDEX,
NEWS 19
         Jan 29
                 ENERGY, INSPEC
NEWS 20 Feb 13
                 CANCERLIT is no longer being updated
                 METADEX enhancements
NEWS 21
        Feb 24
                 PCTGEN now available on STN
NEWS 22 Feb 24
                 TEMA now available on STN
NEWS 23 Feb 24
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04
                 SDI PACKAGE for monthly delivery of multifile SDI results
                 EVENTLINE will be removed from STN
NEWS 27 Mar 20
                 PATDPAFULL now available on STN
NEWS 28 Mar 24
                 Additional information for trade-named substances without
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        Mar 24
                 structures available in REGISTRY
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         Apr 11
                 Display formats in DGENE enhanced
NEWS 31
         Apr 14
                 MEDLINE Reload
NEWS 32
         Apr 17
                 Polymer searching in REGISTRY enhanced
NEWS 33
                 Indexing from 1947 to 1956 added to records in CA/CAPLUS
         Jun 13
NEWS 34
                 New current-awareness alert (SDI) frequency in
         Apr 21
                 WPIDS/WPINDEX/WPIX
NEWS 35
         Apr 28
                 RDISCLOSURE now available on STN
                 Pharmacokinetic information and systematic chemical names
NEWS 36
         May 05
                 added to PHAR
                 MEDLINE file segment of TOXCENTER reloaded
NEWS 37
         May 15
                 Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 38
         May 15
                 _CHEMREACT_will_be_removed_from_STN__
NEWS 39
         May -16--
                 Simultaneous left and right truncation added to WSCA
NEWS 40
         May 19
NEWS 41
         May 19
                 RAPRA enhanced with new search field, simultaneous left and
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Simultaneous left and right truncation added to CBNB

right truncation

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MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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FULL ESTIMATED COST

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FILE 'BIOSIS' ENTERED AT 15:03:51 ON 25 JUN 2003 COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC. (R)

=> s secreted protein

134436 SECRETED PROTEIN

7 FILES SEARCHED...

189 L1 AND CANCER TREATMENT

<sup>=&</sup>gt; s 11 and cancer treatment

=> s 12 and immunological disorder 0 L2 AND IMMUNOLOGICAL DISORDER L3

=> s 12 and protein production

52 L2 AND PROTEIN PRODUCTION L4

=> s 14 and heterologous polypeptide

24 L4 AND HETEROLOGOUS POLYPEPTIDE

=> d 15 ti abs ibib tot

ANSWER 1 OF 24 USPATFULL 1.5

25 human prostate and prostate cancer associated proteins ΤI

This invention relates to newly identified prostate or prostate cancer related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "prostate antigens" or alternatively "prostate cancer antigens", and the use of such prostate or prostate cancer antigens for detecting disorders of the prostate, particularly the presence of prostate cancer and prostate cancer metastases. This invention relates to prostate or prostate cancer antigens as well as vectors, host cells, antibodies directed to prostate or prostate cancer antigens and the recombinant methods and synthetic methods for producing the same. Also provided are diagnostic methods for detecting, treating, preventing and/or prognosing disorders of the prostate, particularly prostate cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of prostate or prostate cancer antigens of the invention. The present invention further relates to inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2003:120997 USPATFULL

TITLE:

AB

25 human prostate and prostate cancer associated

proteins

INVENTOR(S):

Birse, Charles E., North Potomac, MD, UNITED STATES

PATENT ASSIGNEE(S):

Rosen, Craig A., Laytonsville, MD, UNITED STATES Human Genome Sciences, Inc., Rockville, MD, UNITED

STATES, 20850 (U.S. corporation)

NUMBER KIND DATE \_\_\_\_\_\_ US 2003083481 A1 20030501 US 2002-36542 A1 20020107 (10) PATENT INFORMATION: APPLICATION INFO.:

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. WO 2000-US19666, filed

on 20 Jul 2000, UNKNOWN

NUMBER DATE \_\_\_\_\_ US 1999-144972P 19990721 (60) US 1999-148681P 19990813 (60) US 1999-149173P 19990817 (60) US 1999-158004P 19991006 (60) US 2000-194689P 20000405 (60) PRIORITY INFORMATION:

DOCUMENT TYPE: FILE SEGMENT:

Utility APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS:

24 ---1---

EXEMPLARY CLAIM: LINE COUNT:

26241

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Compositions and methods for the therapy and diagnosis of pancreatic ΤI cancer

Compositions and methods for the therapy and diagnosis of cancer, AB particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:106233 USPATFULL

TITLE: Compositions and methods for the therapy and diagnosis

of pancreatic cancer

INVENTOR(S): Benson, Darin R., Seattle, WA, UNITED STATES

Kalos, Michael D., Seattle, WA, UNITED STATES Lodes, Michael J., Seattle, WA, UNITED STATES Persing, David H., Redmond, WA, UNITED STATES Hepler, William T., Seattle, WA, UNITED STATES

Jiang, Yuqiu, Kent, WA, UNITED STATES

PATENT ASSIGNEE(S): Corixa Corporation, Seattle, WA, UNITED STATES, 98104

(U.S. corporation)

NUMBER KIND DATE -----US 2003073144 A1 20030417 US 2002-60036 A1 20020130 (10) PATENT INFORMATION: APPLICATION INFO.: NUMBER DATE -----US 2001-333626P 20011127 (60)
US 2001-305484P 20010712 (60)
US 2001-265305P 20010130 (60)
US 2001-267568P 20010209 (60)
US 2001-313999P 20010820 (60)
US 2001-291631P 20010516 (60)
US 2001-287112P 20010428 (60)
US 2001-278651P 20010321 (60) PRIORITY INFORMATION:

US 2001-265682P 20010131 (60)

Utility APPLICATION

FILE SEGMENT: LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH

AVE, SUITE 6300, SEATTLE, WA, 98104-7092

NUMBER OF CLAIMS: 17 EXEMPLARY CLAIM: 1 LINE COUNT: 14253

DOCUMENT TYPE:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 3 OF 24 USPATFULL L5

TΙ WISP polypeptides and nucleic acids encoding same

AB Wnt-1-Induced Secreted Proteins (WISPs) are provided, whose genes are induced at least by Wnt-1. Also provided are nucleic acid molecules encoding those polypeptides, as well as vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides, and methods for producing the polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2003:99573 USPATFULL

TITLE: INVENTOR(S): WISP polypeptides and nucleic acids encoding same Levine, Arnold J., Princeton, NJ, UNITED STATES Pennica, Diane, Burlingame, CA, UNITED STATES

PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

> NUMBER KIND US 2003068678 A1 US 2002-112267 A1 20030410

APPLICATION INFO.: 20020327 (10)

RELATED APPLN. INFO.: Division of Ser. No. US 1998-182145, filed on 29 Oct

1998, GRANTED, Pat. No. US 6387657

NUMBER DATE -----

US 1997-63704P PRIORITY INFORMATION: 19971029 (60)

19980204 (60)

US 1998-81695P 19980414 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA,

94080

NUMBER OF CLAIMS: 117 EXEMPLARY CLAIM: 1

PATENT INFORMATION:

49 Drawing Page(s) NUMBER OF DRAWINGS:

LINE COUNT: 9734

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 4 OF 24 USPATFULL

AB

Nucleic acids, proteins, and antibodies TI

The present invention relates to novel ovarian cancer and/or breast cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "ovarian and/or breast antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such ovarian and/or breast polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the reproductive system, particularly disorders of the ovaries and/or breast, including, but not limited to, the presence of ovarian and/or breast cancer and ovarian and/or breast cancer metastases. More specifically, isolated ovarian and/or breast nucleic acid molecules are provided encoding novel ovarian and/or breast polypeptides. Novel ovarian and/or breast polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human ovarian and/or breast polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the ovaries and/or breast, including ovarian and/or breast cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:78501 USPATFULL

TITLE: Nucleic acids, proteins, and antibodies

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE -----PATENT INFORMATION: US 2003054421 A1 20030320 APPLICATION INFO.: US 2002-102806 A1 20020322 (10) RELATED APPLN. INFO.:

Continuation of Ser. No. US 2001-925298, filed on 10 Aug 2001, PENDING Continuation-in-part of Ser. No. WO

2000-US5881, filed on 8 Mar 2000, UNKNOWN

NUMBER DATE

PRIORITY INFORMATION:

US 1999-124270P 19990312 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 24

LINE COUNT:

20141

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 24 USPATFULL

TI Secreted protein HFEAF41

The present invention relates to 87 novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2003:72174 USPATFULL

TITLE:
INVENTOR(S):

Secreted protein HFEAF41

Young, Paul, Gaithersburg, MD, UNITED STATES Greene, John M., Gaithersburg, MD, UNITED STATES Ferrie, Ann M., Tewksbury, MA, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES
Duan, Roxanne, Bethesda, MD, UNITED STATES
Ling Shap Supported CA UNITED STATES

Hu, Jing-Shan, Sunnyvale, CA, UNITED STATES Florence, Kimberly, Rockville, MD, UNITED STATES Olsen, Henrik S., Gaithersburg, MD, UNITED STATES Ebner, Reinhard, Gaithersburg, MD, UNITED STATES Brewer, Lauie A., St. Paul, MN, UNITED STATES Moore, Paul A., Germantown, MD, UNITED STATES Shi, Yanggu, Gaithersburg, MD, UNITED STATES Lafleur, David W., Washington, DC, UNITED STATES

Ni, Jian, Rockville, MD, UNITED STATES

PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.: US 2003050461 A1 20030313 US 2001-966262 A1 20011001 (9)

Continuation of Ser. No. US 1998-154707, filed on 17 Sep 1998, PENDING Continuation-in-part of Ser. No. WO 1998-US5311, filed on 19 Mar 1998, UNKNOWN

÷			NUMBER	DATE	
PRIORITY	INFORMATION:	US US US US US US US US	1997-41277P	19970321 19970321 19970321 19970321 19970530 19970530 19970530 19970530 19970530	(60) (60)
			1997-48099P 1997-48352P	19970530 19970530	(60) (60)

US	1997-48186P	19970530	(60)
US	1997-48069P	19970530	(60)
US	1997-48095P	19970530	(60)
US	1997-48131P	19970530	(60)
US	1997-48096P	19970530	(60)
US	1997-48355P	19970530	(60)
US	1997-48160P	19970530	(60)
US	1997-48351P	19970530	(60)
US	1997-48154P	19970530	(60)
US	1997-54804P	19970805	(60)
US	1997-56370P	19970819	(60)
US	1997-60862P	19971002	(60)

DOCUMENT TYPE:

Utility APPLICATION

FILE SEGMENT:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

LEGAL REPRESENTATIVE:

46

LINE COUNT:

15105

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 6 OF 24 USPATFULL  $L_5$ 

Signal transduction pathway component polynucleotides, polypeptides, TI

antibodies and methods based thereon

The present invention relates to newly identified human polynucleotides AB and the polypeptides encoded by these polynucleotides. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human antigens. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human antigens.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

PATENT ASSIGNEE(S):

2003:51547 USPATFULL

TITLE:

Signal transduction pathway component polynucleotides,

polypeptides, antibodies and methods based thereon Barash, Steven C., Rockville, MD, UNITED STATES

INVENTOR(S):

Ni, Jian, Germantown, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES Rosen, Craig A., Laytonsville, MD, UNITED STATES

Young, Paul E., Berkeley, CA, UNITED STATES

Rohrschneider, Larry R., Seattle, WA, UNITED STATES Human Genome Sciences, Inc., Rockville, MD, UNITED

STATES, 20850 (U.S. corporation)

NUMBER KIND DATE \_\_\_\_\_ \_\_\_ US 2003036505 A1 20030220 PATENT INFORMATION: 20010920 (9) A1 US 2001-955999 APPLICATION INFO .:

NUMBER DATE \_\_\_\_\_\_

US 2000-234997P 20000925 (60) PRIORITY INFORMATION:

DOCUMENT TYPE: Utility APPLICATION FILE SEGMENT:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, LEGAL REPRESENTATIVE:

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 2 Drawing Page(s)

LINE COUNT: 24363

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 7 OF 24 USPATFULL L5

Secreted protein HFEAF41 TI

The present invention relates to 87 novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2003:24336 USPATFULL

TITLE:

Secreted protein HFEAF41

INVENTOR(S):

Young, Paul, Gaithersburg, MD, UNITED STATES Greene, John M., Gaithersburg, MD, UNITED STATES Ferrie, Ann M., Painted Post, NY, UNITED STATES Ruben, Steven M., Olney, MD, UNITED STATES Rosen, Craig A., Laytonsville, MD, UNITED STATES

Duan, Roxanne, Bethesda, MD, UNITED STATES Hu, Jing-Shan, Mountain View, CA, UNITED STATES Florence, Kimberly, Rockville, MD, UNITED STATES Olsen, Henrik S., Gaithersburg, MD, UNITED STATES Ebner, Reinhard, Gaithersburg, MD, UNITED STATES Brewer, Lauie A., St. Paul, MN, UNITED STATES Moore, Paul A., Germantown, MD, UNITED STATES Shi, Yanggu, Gaithersburg, VA, UNITED STATES Lafleur, David W., Washington, DC, UNITED STATES

Ni, Jian, Germantown, MD, UNITED STATES

PATENT ASSIGNEE(S):

RELATED APPLN. INFO.:

Human Genome Sciences, Inc., Rockville, MD (U.S.

corporation)

DATE KIND NUMBER \_\_\_\_\_\_\_ US 2003018180 A1 20030123 PATENT INFORMATION: A1 20020131 US 2002-59395 APPLICATION INFO .:

Division of Ser. No. US 2001-966262, filed on 1 Oct 2001, PENDING Continuation of Ser. No. US 1998-154707, filed on 17 Sep 1998, PENDING Continuation-in-part of

(10)

Ser. No. WO 1998-US5311, filed on 19 Mar 1998, UNKNOWN NUMBER DATE \_\_\_\_\_\_ US 1997-41277P 19970321 (60) PRIORITY INFORMATION: US 1997-42344P 19970321 (60) 19970321 (60) 19970321 (60) US 1997-41276P US 1997-41281P 19970530 (60) US 1997-48094P

19970530 (60) US 1997-48350P US 1997-48188P 19970530 (60) US 1997-48135P 19970530 (60) US 1997-50937P 19970530 (60) US 1997-48187P 19970530 (60) US 1997-48099P 19970530 (60) 19970530 (60) US 1997-48352P 19970530 (60) US 1997-48186P US 1997-48069P 19970530 (60) 19970530 (60) US 1997-48095P 19970530 (60) US 1997-48131P 19970530 (60) US 1997-48096P 19970530 (60) US 1997-48355P US 1997-48160P 19970530 (60)

-US-1997-48351P----19970530-(60) US 1997-48154P 19970530 (60) US 1997-54804P 19970805 (60) US 1997-56370P 19970819 (60) US 1997-60862P 19971002 (60) US 1997-60862P

AB

DOCUMENT TYPE:

Utility

FILE SEGMENT:

AB

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

52 1

LINE COUNT: 15142

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 24 USPATFULL

TT Nucleic acids, proteins and antibodies

This invention relates to newly identified prostate or prostate cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "prostate cancer antigens," and to the complete gene sequences associated therewith and to the expression products thereof, and to antibodies that immunospecifically bind these polypeptides, as well as the use of such prostate cancer polynucleotides, antigens, and antibodies for detection, prevention, prognosis, and treatment of disorders of the reproductive system, particularly disorders of the prostate, including, but not limited to, the presence of prostate cancer and prostate cancer metastases. More specifically, isolated prostate cancer nucleic acid molecules are provided encoding novel prostate cancer polypeptides. Novel prostate cancer polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human prostate cancer polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the prostate, including prostate cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:273550 USPATFULL

function of the polypeptides of the invention.

TITLE:

Nucleic acids, proteins and antibodies

INVENTOR(S):

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE -----

PATENT INFORMATION: APPLICATION INFO.:

US 2002151681 A1 20021017 US 2001-925300 A1 20010810 (9)

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. WO 2000-US5988, filed

on 8 Mar 2000, UNKNOWN

NUMBER DATE -----

PRIORITY INFORMATION:

US 1999-124270P 19990312 (60)

DOCUMENT TYPE: FILE SEGMENT:

Utility APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM: 1 LINE COUNT: 29771

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 9 OF 24 USPATFULL

Compositions and methods for the therapy and diagnosis of colon cancer ΤI Compositions and methods for the therapy and diagnosis of cancer,

particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:272801 USPATFULL

TITLE:

Compositions and methods for the therapy and diagnosis

of colon cancer

INVENTOR(S):

Stolk, John A., Bothell, WA, UNITED STATES Xu, Jiangchun, Bellevue, WA, UNITED STATES Chenault, Ruth A., Seattle, WA, UNITED STATES

שתאמ

Meagher, Madeleine Joy, Seattle, WA, UNITED STATES

PATENT ASSIGNEE(S):

Corixa Corporation, Seattle, WA, UNITED STATES, 98104

(U.S. corporation)

MITMERE

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2002150922	A1	20021017	
APPLICATION INFO.:	US 2001-998598	A1	20011116	(9)

•			NONDER	DAIB	
PRIORITY	INFORMATION:	US	2001-304037P	20010710	(60)
		US	2001-279670P	20010328	(60)
		US	2001-267011P	20010206	(60)
		US	2000-252222P	20001120	(60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH LEGAL REPRESENTATIVE:

AVE, SUITE 6300, SEATTLE, WA, 98104-7092

NUMBER OF CLAIMS: 17 EXEMPLARY CLAIM: 1 LINE COUNT: 9233

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 10 OF 24 USPATFULL

Human trk receptors and neurotrophic factor inhibitors TT

The invention concerns human trkB and trkC receptors and their AB functional derivatives. The invention further concerns immunoadhesins

comprising trk receptor sequences fused to immunoglobulin sequences.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:265544 USPATFULL

TITLE:

INVENTOR(S):

Human trk receptors and neurotrophic factor inhibitors Presta, Leonard G., San Francisco, CA, UNITED STATES

Shelton, David L., Pacifica, CA, UNITED STATES

Urfer, Roman, Pacifica, CA, UNITED STATES

NUMBER KIND DATE \_\_\_\_\_\_ US 2002146416 A1 20021010 US 2001-966147 A1 20010927 (9) PATENT INFORMATION: APPLICATION INFO.:

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-446172, filed on 19

> May 1995, PENDING Continuation of Ser. No. US 1994-286846, filed on 5 Aug 1994, PATENTED

Continuation-in-part of Ser. No. US 1994-215139, filed

on 18 Mar 1994, ABANDONED

DOCUMENT TYPE: FILE SEGMENT:

Utility APPLICATION

LEGAL REPRESENTATIVE: KNOBBE MARTENS OLSON & BEAR LLP, 620 NEWPORT CENTER

DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660

NUMBER OF CLAIMS:

2.5 1

EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

28 Drawing Page(s)

LINE COUNT:

4428

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 11 OF 24 USPATFULL L5

Compositions and methods for the therapy and diagnosis of ovarian cancer ΤI Compositions and methods for the therapy and diagnosis of cancer, AB

particularly ovarian cancer, are disclosed. Illustrative compositions comprise one or more ovarian tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention

and/or treatment of diseases, particularly ovarian cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:243051 USPATFULL

TITLE:

Compositions and methods for the therapy and diagnosis

of ovarian cancer

INVENTOR (S):

Algate, Paul A., Issaquah, WA, UNITED STATES

Jones, Robert, Seattle, WA, UNITED STATES

Harlocker, Susan L., Seattle, WA, UNITED STATES

PATENT ASSIGNEE(S):

Corixa Corporation, Seattle, WA, UNITED STATES, 98104

(U.S. corporation)

KIND DATE NUMBER \_\_\_\_\_\_ US 2002132237 A1 20020919 US 2001-867701 A1 20010529 (9)

PATENT INFORMATION: APPLICATION INFO.:

NUMBER DATE \_\_\_\_\_\_

PRIORITY INFORMATION:

US 2000-207484P 20000526 (60)

DOCUMENT TYPE:

Utility APPLICATION

FILE SEGMENT:

LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH

AVE, SUITE 6300, SEATTLE, WA, 98104-7092

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

11 1

LINE COUNT:

25718

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 12 OF 24 USPATFULL L5

Full-length human cDNAs encoding potentially secreted proteins ΤI

The invention concerns GENSET polynucleotides and polypeptides. Such AB GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:191539 USPATFULL

TITLE:

Full-length human cDNAs encoding potentially secreted

proteins

INVENTOR(S): Milne Edwards, Jean-Baptiste Dumas, Paris, FRANCE

Bougueleret, Lydie, Petit Lancy, SWITZERLAND

Jobert, Severin, Paris, FRANCE

KIND DATE NUMBER

US 2002102604 A1 20020801 US 2000-731872 A1 20001207 (9) PATENT INFORMATION:

APPLICATION INFO.:

NUMBER DATE

US 1999-169629P 19991208 (60) PRIORITY INFORMATION: US 2000-187470P 20000306 (60)

DOCUMENT TYPE: Utility APPLICATION FILE SEGMENT:

John Lucas, Ph.D., J.D., Genset Corporation, 10665 LEGAL REPRESENTATIVE:

\_\_\_\_\_

Srrento Valley Road, San Diego, CA, 92121-1609

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 5 Drawing Page(s)

LINE COUNT: 28061

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 13 OF 24 USPATFULL

TI Nucleic acids, proteins and antibodies AB

The present invention relates to novel pancreatic related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "pancreatic antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such pancreatic polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the pancreas, including, but not limited to, the presence of pancreatic cancer and pancreatic cancer metastases. More specifically, isolated pancreatic nucleic acid molecules are provided encoding novel pancreatic polypeptides. Novel pancreatic polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human pancreatic polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the pancreas, including pancreatic cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:157060 USPATFULL

TITLE: Nucleic acids, proteins and antibodies

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE -----

PATENT INFORMATION: US 2002081659 A1 20020627 APPLICATION INFO.: US 2001-925297 A1 20010810 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2000-US5989, filed

on 8 Mar 2000, UNKNOWN

NUMBER DATE -----

US 1999-124270P 19990312 (60) PRIORITY INFORMATION:

DOCUMENT TYPE: Utility FILE SEGMENT: \_\_\_\_ APPLICATION \_\_\_\_\_

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 14 OF 24 USPATFULL

TIWISP polypeptides and nucleic acids encoding same

AΒ Wnt-1-Induced Secreted Proteins (WISPs) are provided, whose genes are induced at least by Wnt-1. Also provided are nucleic acid molecules encoding those polypeptides, as well as vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides, and methods for producing the polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:108847 USPATFULL

TITLE: INVENTOR(S): WISP polypeptides and nucleic acids encoding same Botstein, David A., Belmont, CA, United States Cohen, Robert L., San Mateo, CA, United States Goddard, Audrey D., San Francisco, CA, United States

Gurney, Austin L., Belmont, CA, United States

Hillan, Kenneth J., San Francisco, CA, United States Lawrence, David A., San Francisco, CA, United States

Levine, Arnold J., New York, NY, United States Pennica, Diane, Burlingame, CA, United States Roy, Margaret Ann, San Francisco, CA, United States

Wood, William I., Hillsborough, CA, United States

PATENT ASSIGNEE(S):

Genentech, Inc., South San Francisco, CA, United States

(U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION: APPLICATION INFO.:	US 6387657 US 1998-182145	B1	20020514 19981029	(9)

		NUMBER DATE	
PRIORITY	INFORMATION:	US 1997-63704P 19971029 US 1998-73612P 19980204	
DOCUMENT	TYPE:	US 1998-81695P 19980414	,

FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Saoud, Christine J. LEGAL REPRESENTATIVE: Marschang, Diane L.

NUMBER OF CLAIMS: 24 EXEMPLARY CLAIM:

AB

NUMBER OF DRAWINGS: 72 Drawing Figure(s); 49 Drawing Page(s)

LINE COUNT: 5473

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Ь5 ANSWER 15 OF 24 USPATFULL

TΙ Nucleic acids, proteins and antibodies

> The present invention relates to novel colorectal cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "colorectal cancer antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such colorectal cancer polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the colon and/or rectum, including, but not limited to, the presence of colorectal cancer and colorectal cancer metastases. More specifically, isolated colorectal cancer nucleic acid molecules are provided encoding novel colorectal cancer polypeptides. Novel colorectal cancer polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human colorectal cancer polynucleotides, polypeptides, and/or

antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the colon and/or rectum, including colorectal cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:106416 USPATFULL

TITLE:

Nucleic acids, proteins and antibodies

INVENTOR(S):

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE US 2002055627 A1 20020509 US 2003040617 A9 20030227 US 2001-925299 A1 20010810 PATENT INFORMATION: APPLICATION INFO.:

RELATED APPLN. INFO.:

Continuation of Ser. No. WO 2000-US5883, filed on 8 Mar

2000, UNKNOWN

NUMBER DATE US 1999-124270P 19990312 (60)

PRIORITY INFORMATION:

Utility

DOCUMENT TYPE: FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1 20658

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

 $L_5$ ANSWER 16 OF 24 USPATFULL

TΤ Nucleic acids, proteins and antibodies AB

This invention relates to newly identified tissue specific cancer associated polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "cancer antigens," and to the complete gene sequences associated therewith and to the expression products thereof, as well as the use of such tissue specific cancer antigens for detection, prevention and treatment of tissue specific disorders, particularly the presense of cancer. This invention relates to the cancer antigens as well as vectors, host cells, antibodies directed to cancer antigens and recombinant and synthetic methods for producing the same. Also provided are diagnostic methods for diagnosing and treating, preventing and/or prognosing tissue specific disorders, including cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of cancer antigens of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and/or function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:99407 USPATFULL

TITLE:

Nucleic acids, proteins and antibodies

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE PATENT INFORMATION:

US 2002052308

A1 20020502

APPLICATION INFO.:

US 2001-925301 A1 20010810 (9)

RELATED APPLN. INFO.:

Continuation of Ser. No. WO 2000-US5882, filed on 8 Mar

2000, UNKNOWN

NUMBER

-----

DATE

PRIORITY INFORMATION:

US 1999-124270P

19990312 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

23

1

LINE COUNT:

30577

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 17 OF 24 USPATFULL

Nucleic acids, proteins and antibodies TI

AB

The present invention relates to novel lung cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "lung cancer antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such lung cancer polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the lung, including, but not limited to, the presence of lung cancer and lung cancer metastases. More specifically, isolated lung cancer nucleic acid molecules are provided encoding novel lung cancer polypeptides. Novel lung cancer polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human lung cancer polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the lung, including lung cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:84902 USPATFULL

TITLE:

Nucleic acids, proteins and antibodies

INVENTOR(S):

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2002044941	A1	20020418	
	US 2003064072	A9	20030403	
APPLICATION INFO.:	US 2001-925302	A1	20010810	

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. WO 2000-US5918, filed

(9)

on 8 Mar 2000, UNKNOWN

NUMBER									D	A	Т	Έ										
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PRIORITY INFORMATION:

US 1999-124270P 19990312 (60)

DOCUMENT TYPE:

Utility

APPLICATION

FILE SEGMENT: LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS:

23

EXEMPLARY CLAIM:

1

LINE COUNT: 21121
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 18 OF 24 USPATFULL

AB

TI Nucleic, acids, proteins, and antibodies

The present invention relates to novel ovarian cancer and/or breast cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "ovarian and/or breast antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such ovarian and/or breast polynucleotides, antiqens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the reproductive system, particularly disorders of the ovaries and/or breast, including, but not limited to, the presence of ovarian and/or breast cancer and ovarian and/or breast cancer metastases. More specifically, isolated ovarian and/or breast nucleic acid molecules are provided encoding novel ovarian and/or breast polypeptides. Novel ovarian and/or breast polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human ovarian and/or breast polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the ovaries and/or breast, including ovarian and/or breast cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polyn

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         Sep 03
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         Sep 16
                 CA Section Thesaurus available in CAPLUS and CA
         Sep 16
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     9
                CASREACT Enriched with Reactions from 1907 to 1985
        Oct 01
NEWS 10
                BEILSTEIN adds new search fields
NEWS 11
         Oct 24
                Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 12
         Oct 24
                DKILIT has been renamed APOLLIT
NEWS 13
        Nov 18
                More calculated properties added to REGISTRY
NEWS 14
        Nov 25
NEWS 15
        Dec 04
                 CSA files on STN
                 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 16 Dec 17
                 TOXCENTER enhanced with additional content
NEWS 17 Dec 17
        Dec 17
                 Adis Clinical Trials Insight now available on STN
NEWS 18
                 Simultaneous left and right truncation added to COMPENDEX,
NEWS 19
         Jan 29
                 ENERGY, INSPEC
                 CANCERLIT is no longer being updated
NEWS 20
         Feb 13
NEWS 21
                METADEX enhancements
        Feb 24
                PCTGEN now available on STN
NEWS 22
         Feb 24
NEWS 23
                 TEMA now available on STN
         Feb 24
         Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 24
NEWS 25
        Feb 26
                PCTFULL now contains images
                 SDI PACKAGE for monthly delivery of multifile SDI results
         Mar 04
NEWS 26
                 EVENTLINE will be removed from STN
NEWS 27
         Mar 20
NEWS 28
                 PATDPAFULL now available on STN
         Mar 24
                 Additional information for trade-named substances without
NEWS 29
         Mar 24
                 structures available in REGISTRY
                 Display formats in DGENE enhanced
NEWS 30
         Apr 11
         Apr 14
                 MEDLINE Reload
NEWS 31
         Apr 17
                 Polymer searching in REGISTRY enhanced
NEWS 32
                 Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 33
         Jun 13
                 New current-awareness alert (SDI) frequency in
NEWS 34
         Apr 21
                 WPIDS/WPINDEX/WPIX
                 RDISCLOSURE now available on STN
NEWS 35
         Apr 28
                 Pharmacokinetic information and systematic chemical names
         May 05
NEWS 36
                 added to PHAR
                 MEDLINE file segment of TOXCENTER reloaded
NEWS 37
         May 15
                 Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 38
         May 15
         May-16- CHEMREACT will be removed from STN .....
NEWS 39 -
                 Simultaneous left and right truncation added to WSCA
NEWS 40
         May 19
                 RAPRA enhanced with new search field, simultaneous left and
NEWS 41
         May 19
                 right truncation
                 Simultaneous left and right truncation added to CBNB
NEWS 42
         Jun 06
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NEWS 43 Jun 06 PASCAL enhanced with additional data

NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available

NEWS 45 Jun 25 HSDB has been reloaded

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MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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FILE 'USPATFULL' ENTERED AT 15:03:51 ON 25 JUN 2003

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FILE 'BIOSIS' ENTERED AT 15:03:51 ON 25 JUN 2003 COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

=> s secreted protein

L1 134436 SECRETED PROTEIN

7 FILES SEARCHED...

L2 189 L1 AND CANCER TREATMENT

<sup>=&</sup>gt; s l1 and cancer treatment

=> s 12 and immunological disorder

0 L2 AND IMMUNOLOGICAL DISORDER

=> s 12 and protein production

52 L2 AND PROTEIN PRODUCTION

=> s 14 and heterologous polypeptide

24 L4 AND HETEROLOGOUS POLYPEPTIDE

=> d 15 ti abs ibib tot

L5 ANSWER 1 OF 24 USPATFULL

TI25 human prostate and prostate cancer associated proteins

This invention relates to newly identified prostate or prostate cancer related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "prostate antigens" or alternatively "prostate cancer antigens", and the use of such prostate or prostate cancer antigens for detecting disorders of the prostate, particularly the presence of prostate cancer and prostate cancer metastases. This invention relates to prostate or prostate cancer antigens as well as vectors, host cells, antibodies directed to prostate or prostate cancer antigens and the recombinant methods and synthetic methods for producing the same. Also provided are diagnostic methods for detecting, treating, preventing and/or prognosing disorders of the prostate, particularly prostate cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of prostate or prostate cancer antigens of the invention. The present invention further relates to inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2003:120997 USPATFULL

TITLE:

AB

25 human prostate and prostate cancer associated

proteins

INVENTOR(S):

Birse, Charles E., North Potomac, MD, UNITED STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES

PATENT ASSIGNEE(S):

Human Genome Sciences, Inc., Rockville, MD, UNITED

STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 2003083481		20030501	
APPLICATION INFO.:	US 2002-36542	A1	20020107	(10)

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. WO 2000-US19666, filed

on 20 Jul 2000, UNKNOWN

	NUMBER	DATE	
		<b></b>	
PRIORITY INFORMATION:	US 1999-144972P	19990721	(60)
	US 1999-148681P	19990813	(60)
	US 1999-149173P	19990817	(60)
	US 1999-158004P	19991006	(60)
	US 2000-194689P	20000405	(60)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 24 EXEMPLARY CLAIM: 1

LINE COUNT: 26241

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

TI Compositions and methods for the therapy and diagnosis of pancreatic cancer

AB Compositions and methods for the therapy and diagnosis of cancer, particularly pancreatic cancer, are disclosed. Illustrative compositions comprise one or more pancreatic tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly pancreatic cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2003:106233 USPATFULL

TITLE:

Compositions and methods for the therapy and diagnosis

of pancreatic cancer

INVENTOR(S):

Benson, Darin R., Seattle, WA, UNITED STATES Kalos, Michael D., Seattle, WA, UNITED STATES Lodes, Michael J., Seattle, WA, UNITED STATES Persing, David H., Redmond, WA, UNITED STATES Hepler, William T., Seattle, WA, UNITED STATES Jiang, Yuqiu, Kent, WA, UNITED STATES

PATENT ASSIGNEE(S):

Corixa Corporation, Seattle, WA, UNITED STATES, 98104

(U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION: APPLICATION INFO.:	US 2003073144 US 2002-60036	A1 A1	20030417	(10)
	NUMBER	DA	TE	

PRIORITY	INFORMATION:	US	2001-333626P	20011127	(60)
		US	2001-305484P	20010712	(60)
•		US	2001-265305P	20010130	(60)
		US	2001-267568P	20010209	(60)
		US	2001-313999P	20010820	(60)
		US	2001-291631P	20010516	(60)
		US	2001-287112P	20010428	(60)
		US	2001-278651P	20010321	(60)
		US	2001-265682P	20010131	(60)

DOCUMENT TYPE: FILE SEGMENT: Utility APPLICATION

LEGAL REPRESENTATIVE:

SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH

AVE, SUITE 6300, SEATTLE, WA, 98104-7092

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

17 1

LINE COUNT:

14253

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 24 USPATFULL

TI WISP polypeptides and nucleic acids encoding same

Wht-1-Induced Secreted Proteins (WISPs) are provided, whose genes are induced at least by Wht-1. Also provided are nucleic acid molecules encoding those polypeptides, as well as vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides, and methods for producing the polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2003:99573 USPATFULL

TITLE: INVENTOR(S): WISP polypeptides and nucleic acids encoding same Levine, Arnold J., Princeton, NJ, UNITED STATES Pennica, Diane, Burlingame, CA, UNITED STATES

Genentech, Inc. (U.S. corporation) PATENT ASSIGNEE(S):

> KIND DATE NUMBER \_\_\_\_\_\_

US 2003068678 A1 20030410 US 2002-112267 A1 20020327 (10) PATENT INFORMATION:

APPLICATION INFO.: RELATED APPLN. INFO.: Division of Ser. No. US 1998-182145, filed on 29 Oct

1998, GRANTED, Pat. No. US 6387657

NUMBER DATE

US 1997-63704P 19971029 (60) US 1998-73612P 19980204 (60) PRIORITY INFORMATION:

US 1998-81695P 19980414 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

GENENTECH, INC., 1 DNA WAY, SOUTH SAN FRANCISCO, CA, LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS: 117

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 49 Drawing Page(s)

LINE COUNT: 9734

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 4 OF 24 USPATFULL

TINucleic acids, proteins, and antibodies

The present invention relates to novel ovarian cancer and/or breast cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "ovarian and/or breast antigens, " and antibodies that immunospecifically bind these polypeptides, and the use of such ovarian and/or breast polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the reproductive system, particularly disorders of the ovaries and/or breast, including, but not limited to, the presence of ovarian and/or breast cancer and ovarian and/or breast cancer metastases. More specifically, isolated ovarian and/or breast nucleic acid molecules are provided encoding novel ovarian and/or breast polypeptides. Novel ovarian and/or breast polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human ovarian and/or breast polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the ovaries and/or breast, including ovarian and/or breast cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2003:78501 USPATFULL

TITLE:

AΒ

Nucleic acids, proteins, and antibodies

INVENTOR(S):

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE -----

RELATED APPLN. INFO.:

PATENT INFORMATION: US 2003054421 A1 20030320 APPLICATION INFO.: US 2002-102806 A1 20020322 (10)

Continuation of Ser. No. US 2001-925298, filed on 10 Aug 2001, PENDING Continuation-in-part of Ser. No. WO

2000-US5881, filed on 8 Mar 2000, UNKNOWN

NUMBER DATE -----

PRIORITY INFORMATION:

US 1999-124270P 19990312 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

24 1

20141 LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 24 USPATFULL

Secreted protein HFEAF41 TI

ΑB

The present invention relates to 87 novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2003:72174 USPATFULL

TITLE:

Secreted protein HFEAF41

INVENTOR (S):

Young, Paul, Gaithersburg, MD, UNITED STATES Greene, John M., Gaithersburg, MD, UNITED STATES Ferrie, Ann M., Tewksbury, MA, UNITED STATES Ruben, Steven M., Olney, MD, UNITED STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES Duan, Roxanne, Bethesda, MD, UNITED STATES

Hu, Jing-Shan, Sunnyvale, CA, UNITED STATES Florence, Kimberly, Rockville, MD, UNITED STATES Olsen, Henrik S., Gaithersburg, MD, UNITED STATES Ebner, Reinhard, Gaithersburg, MD, UNITED STATES Brewer, Lauie A., St. Paul, MN, UNITED STATES Moore, Paul A., Germantown, MD, UNITED STATES Shi, Yanggu, Gaithersburg, MD, UNITED STATES Lafleur, David W., Washington, DC, UNITED STATES

Ni, Jian, Rockville, MD, UNITED STATES

NUMBER KIND DATE ------US 2003050461 A1 20030313 US 2001-966262 A1 20011001 (9)

APPLICATION INFO.: RELATED APPLN. INFO.:

PATENT INFORMATION:

Continuation of Ser. No. US 1998-154707, filed on 17 Sep 1998, PENDING Continuation-in-part of Ser. No. WO

1998-US5311, filed on 19 Mar 1998, UNKNOWN

			NUMBER	DATE	
PRIORITY	INFORMATION:	US	1997-41277P	19970321	(60)
		US	1997-42344P	19970321	(60)
		US	1997-41276P	19970321	(60)
		US	1997-41281P	19970321	(60)
•		US	1997-48094P	19970530	(60)
		US	1997-48350P	19970530	(60)
		US	1997-48188P	19970530	(60)
		US	1997-48135P	19970530	(60)
		US	1997-50937P	19970530	(60)
		US	1997-48187P	19970530	(60)
		US	1997-48099P	19970530	(60)
		US	1997-48352P	19970530	(60)

US	1997-48186P	19970530	(60)
US	1997-48069P	19970530	(60)
US	1997-48095P	19970530	(60)
US	1997-48131P	19970530	(60)
US	1997-48096P	19970530	(60)
US	1997-48355P	19970530	(60)
US	1997-48160P	19970530	(60)
US	1997-48351P	19970530	(60)
US	1997-48154P	19970530	(60)
US	1997-54804P	19970805	(60)
US	1997-56370P	19970819	(60)
US	1997-60862P	19971002	(60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 15105 LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 6 OF 24 USPATFULL L5

Signal transduction pathway component polynucleotides, polypeptides, TΤ

antibodies and methods based thereon

The present invention relates to newly identified human polynucleotides AB and the polypeptides encoded by these polynucleotides. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human antigens. The invention further relates to diagnostic and

therapeutic methods useful for diagnosing and treating disorders related

to these novel human antigens.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

PATENT ASSIGNEE(S):

2003:51547 USPATFULL

TITLE:

Signal transduction pathway component polynucleotides,

polypeptides, antibodies and methods based thereon Barash, Steven C., Rockville, MD, UNITED STATES

INVENTOR(S):

Ni, Jian, Germantown, MD, UNITED STATES Ruben, Steven M., Olney, MD, UNITED STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Young, Paul E., Berkeley, CA, UNITED STATES

Rohrschneider, Larry R., Seattle, WA, UNITED STATES Human Genome Sciences, Inc., Rockville, MD, UNITED

STATES, 20850 (U.S. corporation)

DATE NUMBER KIND \_\_\_\_\_\_ US 2003036505 A1 20030220 IIS 2001-955999 A1 20010920 PATENT INFORMATION: US 2001-955999 A1 20010920 (9) APPLICATION INFO.:

> DATE NUMBER

\_\_\_\_\_ US 2000-234997P 20000925 (60)

PRIORITY INFORMATION: DOCUMENT TYPE: Utility APPLICATION FILE SEGMENT:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, LEGAL REPRESENTATIVE:

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS:

2 Drawing Page(s)

LINE COUNT: \_\_\_\_\_24363 \_\_\_\_\_

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 7 OF 24 USPATFULL 1.5

ΤI Secreted protein HFEAF41 The present invention relates to 87 novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2003:24336 USPATFULL

TITLE:

Secreted protein HFEAF41

INVENTOR(S):

Young, Paul, Gaithersburg, MD, UNITED STATES Greene, John M., Gaithersburg, MD, UNITED STATES Ferrie, Ann M., Painted Post, NY, UNITED STATES Ruben, Steven M., Olney, MD, UNITED STATES

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Duan, Roxanne, Bethesda, MD, UNITED STATES
Hu, Jing-Shan, Mountain View, CA, UNITED STATES
Florence, Kimberly, Rockville, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Brewer, Lauie A., St. Paul, MN, UNITED STATES

Moore, Paul A., Germantown, MD, UNITED STATES Shi, Yanggu, Gaithersburg, VA, UNITED STATES Lafleur, David W., Washington, DC, UNITED STATES

Ni, Jian, Germantown, MD, UNITED STATES

PATENT ASSIGNEE(S):

Human Genome Sciences, Inc., Rockville, MD (U.S.

corporation)

NUMBER KIND DATE

PATENT INFORMATION: APPLICATION INFO.: RELATED APPLN. INFO.: US 2003018180 A1 20030123 US 2002-59395 A1 20020131 (10)

Division of Ser. No. US 2001-966262, filed on 1 Oct 2001, PENDING Continuation of Ser. No. US 1998-154707, filed on 17 Sep 1998, PENDING Continuation-in-part of Ser. No. WO 1998-US5311, filed on 19 Mar 1998, UNKNOWN

19970819 (60)

19971002 (60)

•		NUMBER	DATE	
PRIORITY	INFORMATION: US	1997-41277P	19970321	(60)
	US	1997-42344P	19970321	(60)
	US	1997-41276P	19970321	(60)
	US	1997-41281P	19970321	(60)
	US	1997-48094P	19970530	(60)
	US	1997-48350P	19970530	(60)
	US	1997-48188P	19970530	(60)
	US	1997-48135P	19970530	(60)
•	US	1997-50937P	19970530	(60)
	US	1997-48187P	19970530	(60)
	US	1997-48099P	19970530	(60)
	US	1997-48352P	19970530	(60)
	US	1997-48186P	19970530	(60)
	US	1997-48069P	19970530	(60)
	US	1997-48095P	19970530	(60)
	. us	1997-48131P	19970530	(60)
	us	1997-48096P	19970530	(60)
	US	1997-48355P	19970530	(60)
	US	1997-48160P	19970530	(60)
	us	-1997-48351P	19970530	(60)
	us	1997-48154P	19970530	(60)
	us	1997-54804P	19970805	(60)

US 1997-56370P

US 1997-60862P

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

LINE COUNT:

15142

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 8 OF 24 USPATFULL L5

Nucleic acids, proteins and antibodies TI

This invention relates to newly identified prostate or prostate cancer AΒ related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "prostate cancer antigens," and to the complete gene sequences associated therewith and to the expression products thereof, and to antibodies that immunospecifically bind these polypeptides, as well as the use of such prostate cancer polynucleotides, antigens, and antibodies for detection, prevention, prognosis, and treatment of disorders of the reproductive system, particularly disorders of the prostate, including, but not limited to, the presence of prostate cancer and prostate cancer metastases. More specifically, isolated prostate cancer nucleic acid molecules are provided encoding novel prostate cancer polypeptides. Novel prostate cancer polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human prostate cancer polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing,

treating, preventing and/or prognosing disorders related to the prostate, including prostate cancer, and therapeutic methods for

treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:273550 USPATFULL

TITLE:

Nucleic acids, proteins and antibodies

INVENTOR(S):

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE -----PATENT INFORMATION: US 2002151681 A1 20021017 APPLICATION INFO.: US 2001-925300 A1 20010810 (9)

RELATED APPLN. INFO.:

Continuation-in-part of Ser. No. WO 2000-US5988, filed

on 8 Mar 2000, UNKNOWN

NUMBER DATE ------

PRIORITY INFORMATION:

US 1999-124270P 19990312 (60)

DOCUMENT TYPE: FILE SEGMENT:

Utility APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM: 1

LINE COUNT:

29771

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 9 OF 24 USPATFULL

TI Compositions and methods for the therapy and diagnosis of colon cancer

AB Compositions and methods for the therapy and diagnosis of cancer, particularly colon cancer, are disclosed. Illustrative compositions comprise one or more colon tumor polypeptides, immunogenic portions thereof, polynucleotides that encode such polypeptides, antigen presenting cell that expresses such polypeptides, and T cells that are specific for cells expressing such polypeptides. The disclosed compositions are useful, for example, in the diagnosis, prevention and/or treatment of diseases, particularly colon cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:272801 USPATFULL

TITLE:

Compositions and methods for the therapy and diagnosis

of colon cancer

INVENTOR(S):

Stolk, John A., Bothell, WA, UNITED STATES Xu, Jiangchun, Bellevue, WA, UNITED STATES Chenault, Ruth A., Seattle, WA, UNITED STATES

Meagher, Madeleine Joy, Seattle, WA, UNITED STATES

PATENT ASSIGNEE(S):

Corixa Corporation, Seattle, WA, UNITED STATES, 98104

(U.S. corporation)

NUMBER KIND DATE \_\_\_\_\_\_ US 2002150922 A1 20021017 US 2001-998598 A1 20011116 PATENT INFORMATION: A1 20011116 (9) APPLICATION INFO.:

> NUMBER DATE \_\_\_\_\_

PRIORITY INFORMATION:

US 2001-304037P 20010710 (60) US 2001-279670P 20010328 (60) US 2001-267011P 20010206 (60) US 2000-252222P 20001120 (60)

DOCUMENT TYPE: FILE SEGMENT:

Utility APPLICATION

LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH

AVE, SUITE 6300, SEATTLE, WA, 98104-7092

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 17 1

LINE COUNT:

9233

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 10 OF 24 USPATFULL L5

Human trk receptors and neurotrophic factor inhibitors ТT

The invention concerns human trkB and trkC receptors and their AB

functional derivatives. The invention further concerns immunoadhesins comprising trk receptor sequences fused to immunoglobulin sequences.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:265544 USPATFULL

TITLE:

Human trk receptors and neurotrophic factor inhibitors

INVENTOR(S):

Presta, Leonard G., San Francisco, CA, UNITED STATES Shelton, David L., Pacifica, CA, UNITED STATES

Urfer, Roman, Pacifica, CA, UNITED STATES

KIND NUMBER DATE \_\_\_\_\_ US 2002146416 A1 20021010 US 2001-966147 A1 20010927 (9)

PATENT INFORMATION:

RELATED APPLN. INFO.:

Continuation of Ser. No. US 1995-446172, filed on 19 May 1995, PENDING Continuation of Ser. No. US

1994-286846, filed on 5 Aug 1994, PATENTED

on 18 Mar 1994, ABANDONED

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE: KNOBBE MARTENS OLSON & BEAR LLP, 620 NEWPORT CENTER

\_Continuation-in-part of Ser. No. US 1994-215139, filed\_\_\_\_\_

DRIVE, SIXTEENTH FLOOR, NEWPORT BEACH, CA, 92660

NUMBER OF CLAIMS:

4428

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 28 Drawing Page(s)

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 11 OF 24 USPATFULL  $L_5$ 

Compositions and methods for the therapy and diagnosis of ovarian cancer TI

Compositions and methods for the therapy and diagnosis of cancer,

particularly ovarian cancer, are disclosed. Illustrative compositions comprise one or more ovarian tumor polypeptides, immunogenic portions

thereof, polynucleotides that encode such polypeptides, antigen

presenting cell that expresses such polypeptides, and T cells that are

specific for cells expressing such polypeptides. The disclosed

compositions are useful, for example, in the diagnosis, prevention

and/or treatment of diseases, particularly ovarian cancer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:243051 USPATFULL

TITLE:

AB

Compositions and methods for the therapy and diagnosis

of ovarian cancer

INVENTOR(S):

Algate, Paul A., Issaquah, WA, UNITED STATES

Jones, Robert, Seattle, WA, UNITED STATES

Harlocker, Susan L., Seattle, WA, UNITED STATES

PATENT ASSIGNEE(S):

Corixa Corporation, Seattle, WA, UNITED STATES, 98104

(U.S. corporation)

KIND DATE NUMBER \_\_\_\_\_\_\_

PATENT INFORMATION: APPLICATION INFO.:

US 2002132237 A1 20020919 US 2001-867701 A1 20010529

A1 20010529 (9)

NUMBER DATE

PRIORITY INFORMATION:

US 2000-207484P 20000526 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT: LEGAL REPRESENTATIVE: APPLICATION SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH

AVE, SUITE 6300, SEATTLE, WA, 98104-7092

NUMBER OF CLAIMS:

11

EXEMPLARY CLAIM:

1

LINE COUNT:

25718

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 12 OF 24 USPATFULL **L**5

Full-length human cDNAs encoding potentially secreted proteins TТ

The invention concerns GENSET polynucleotides and polypeptides. Such AB GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the

treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:191539 USPATFULL

Full-length human cDNAs encoding potentially secreted

proteins

TITLE:

INVENTOR(S): \_ \_\_ \_ Milne\_Edwards, \_Jean-Baptiste\_Dumas, \_Paris, \_FRANCE\_

Bougueleret, Lydie, Petit Lancy, SWITZERLAND

Jobert, Severin, Paris, FRANCE

NUMBER KIND DATE

US 2002102604 A1 20020801 US 2000-731872 A1 20001207 PATENT INFORMATION:

APPLICATION INFO.:

NUMBER DATE \_\_\_\_\_

PRIORITY INFORMATION: US 1999-169629P 19991208 (60)

US 2000-187470P 20000306 (60)

DOCUMENT TYPE: Utility

APPLICATION FILE SEGMENT:

John Lucas, Ph.D., J.D., Genset Corporation, 10665 LEGAL REPRESENTATIVE:

Srrento Valley Road, San Diego, CA, 92121-1609

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

AB

NUMBER OF DRAWINGS: 5 Drawing Page(s)

28061 LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 13 OF 24 USPATFULL

TINucleic acids, proteins and antibodies

The present invention relates to novel pancreatic related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "pancreatic antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such pancreatic polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the pancreas, including, but not limited to, the presence of pancreatic cancer and pancreatic cancer metastases. More specifically, isolated pancreatic nucleic acid molecules are provided encoding novel pancreatic polypeptides. Novel pancreatic polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human pancreatic polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the pancreas, including pancreatic cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:157060 USPATFULL

Nucleic acids, proteins and antibodies TITLE:

function of the polypeptides of the invention.

Rosen, Craig A., Laytonsville, MD, UNITED STATES INVENTOR(S):

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE \_\_\_\_\_\_\_

US 2002081659 A1 20020627 US 2001-925297 A1 20010810 (9) PATENT INFORMATION: APPLICATION INFO.:

Continuation-in-part of Ser. No. WO 2000-US5989, filed RELATED APPLN. INFO.:

on 8 Mar 2000, UNKNOWN

NUMBER DATE -----

PRIORITY INFORMATION: US 1999-124270P 19990312 (60)

DOCUMENT TYPE: Utility

FILE\_SEGMENT: \_\_\_\_ APPLICATION \_

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM: 1

LINE COUNT:

20326

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 14 OF 24 USPATFULL

TI WISP polypeptides and nucleic acids encoding same

AB Wnt-1-Induced Secreted Proteins (WISPs) are provided, whose genes are induced at least by Wnt-1. Also provided are nucleic acid molecules encoding those polypeptides, as well as vectors and host cells comprising those nucleic acid sequences, chimeric polypeptide molecules comprising the polypeptides fused to heterologous polypeptide sequences, antibodies which bind to the polypeptides, and methods for producing the polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2002:108847 USPATFULL

TITLE: INVENTOR(S): WISP polypeptides and nucleic acids encoding same Botstein, David A., Belmont, CA, United States Cohen, Robert L., San Mateo, CA, United States

Goddard, Audrey D., San Francisco, CA, United States

Gurney, Austin L., Belmont, CA, United States

Hillan, Kenneth J., San Francisco, CA, United States Lawrence, David A., San Francisco, CA, United States

Levine, Arnold J., New York, NY, United States Pennica, Diane, Burlingame, CA, United States

Roy, Margaret Ann, San Francisco, CA, United States Wood, William I., Hillsborough, CA, United States

PATENT ASSIGNEE(S):

Genentech, Inc., South San Francisco, CA, United States

(U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6387657	B1	20020514	
APPLICATION INFO.:	US 1998-182145		19981029	(9)

		NUMBER	DATE	
PRIORITY	INFORMATION:	 1997-63704P 1998-73612P	19971029 19980204	
•		 1998-81695P	19980414	(60)

DOCUMENT TYPE: Utility FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Saoud, Christine J. LEGAL REPRESENTATIVE: Marschang, Diane L.

NUMBER OF CLAIMS: 24 EXEMPLARY CLAIM: 1

AB

NUMBER OF DRAWINGS: 72 Drawing Figure(s); 49 Drawing Page(s)

LINE COUNT: 5473

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 15 OF 24 USPATFULL

TI Nucleic acids, proteins and antibodies

The present invention relates to novel colorectal cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "colorectal cancer antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such colorectal cancer polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the colon and/or rectum, including, but not limited to, the presence of colorectal cancer and colorectal cancer metastases. More specifically, isolated colorectal cancer nucleic acid molecules are provided encoding novel colorectal cancer polypeptides. Novel colorectal cancer polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human colorectal cancer polynucleotides, polypeptides, and/or

antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the colon and/or rectum, including colorectal cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:106416 USPATFULL

TITLE:

Nucleic acids, proteins and antibodies

INVENTOR(S):

Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE ----- ----- ---- -----US 2002055627 A1 20020509 US 2003040617 A9 20030227 US 2001-925299 A1 20010810 (9) PATENT INFORMATION: APPLICATION INFO.:

RELATED APPLN. INFO.: Continuation of Ser. No. WO 2000-US5883, filed on 8 Mar

2000, UNKNOWN

NUMBER DATE \_\_\_\_\_\_

PRIORITY INFORMATION:

US 1999-124270P 19990312 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

23 NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1 20658 LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 16 OF 24 USPATFULL L5

ΤI Nucleic acids, proteins and antibodies

This invention relates to newly identified tissue specific cancer associated polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "cancer antigens," and to the complete gene sequences associated therewith and to the expression products thereof, as well as the use of such tissue specific cancer antigens for detection, prevention and treatment of tissue specific disorders, particularly the presense of cancer. This invention relates to the cancer antigens as well as vectors, host cells, antibodies directed to cancer antigens and recombinant and synthetic methods for producing the same. Also provided are diagnostic methods for diagnosing and treating, preventing and/or prognosing tissue specific disorders, including cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of cancer antigens of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and/or function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:99407 USPATFULL

AB

Nucleic acids, proteins and antibodies

INVENTOR(S): \_\_\_\_ Rosen, Craig\_A., Laytonsville, MD, UNITED STATES\_\_\_\_\_\_

Ruben, Steven M., Olney, MD, UNITED STATES

KIND DATE NUMBER ----- PATENT INFORMATION: US 2002052308 Δ1 20020502 US 2001-925301 A1 APPLICATION INFO.: 20010810 (9)

Continuation of Ser. No. WO 2000-US5882, filed on 8 Mar RELATED APPLN. INFO.:

2000, UNKNOWN

NUMBER DATE

PRIORITY INFORMATION: US 1999-124270P 19990312 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, LEGAL REPRESENTATIVE:

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM: 1

AB

30577 LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 17 OF 24 USPATFULL

TINucleic acids, proteins and antibodies

The present invention relates to novel lung cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "lung cancer antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such lung cancer polynucleotides, antigens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the lung, including, but not limited to, the presence of lung cancer and lung cancer metastases. More specifically, isolated lung cancer nucleic acid molecules are provided encoding novel lung cancer polypeptides. Novel lung cancer polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human lung cancer polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the lung, including lung cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:84902 USPATFULL

TITLE:

Nucleic acids, proteins and antibodies

INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE US 2002044941 A1 20020418 US 2003064072 A9 20030403 US 2001-925302 A1 20010810 (9) PATENT INFORMATION: APPLICATION INFO.:

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2000-US5918, filed

on 8 Mar 2000, UNKNOWN

NUMBER DATE -----

PRIORITY INFORMATION: US 1999-124270P 19990312 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

23 1

LINE COUNT:

AΒ

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5ANSWER 18 OF 24 USPATFULL

Nucleic, acids, proteins, and antibodies TI

The present invention relates to novel ovarian cancer and/or breast cancer related polynucleotides, the polypeptides encoded by these polynucleotides herein collectively referred to as "ovarian and/or breast antigens," and antibodies that immunospecifically bind these polypeptides, and the use of such ovarian and/or breast polynucleotides, antiqens, and antibodies for detecting, treating, preventing and/or prognosing disorders of the reproductive system, particularly disorders of the ovaries and/or breast, including, but not limited to, the presence of ovarian and/or breast cancer and ovarian and/or breast cancer metastases. More specifically, isolated ovarian and/or breast nucleic acid molecules are provided encoding novel ovarian and/or breast polypeptides. Novel ovarian and/or breast polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human ovarian and/or breast polynucleotides, polypeptides, and/or antibodies. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the ovaries and/or breast, including ovarian and/or breast cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The invention further relates to methods and/or compositions for inhibiting or promoting the production and/or function of the polypeptides of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:72627 USPATFULL

TITLE:

Nucleic, acids, proteins, and antibodies INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES

Ruben, Steven M., Olney, MD, UNITED STATES

NUMBER KIND DATE -----

PATENT INFORMATION: US 2002039764 A1 20020404 APPLICATION INFO.: US 2001-925298 A1 20010810 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. WO 2000-US5881, filed

on 8 Mar 2000, UNKNOWN

NUMBER DATE -----

PRIORITY INFORMATION: US 1999-124270P 19990312 (60)

DOCUMENT TYPE: Utility FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,

ROCKVILLE, MD, 20850

NUMBER OF CLAIMS: 23 EXEMPLARY CLAIM: 1 LINE COUNT: 20087

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 19 OF 24 USPATFULL

ΤI Human TRK receptors and neurotrophic factor inhibitors

AB The invention concerns human trkB and trkC receptors and their functional derivatives. The invention further concerns immunoadhesins

comprising trk receptor sequences fused to immunoglobulin sequences.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2000:160587 USPATFULL

TITLE:

Human TRK receptors and neurotrophic factor inhibitors

Presta, Leonard G., San Francisco, CA, United States INVENTOR(S):

Shelton, David L., Pacifica, CA, United States

Ufer, Roman, Pacifica, CA, United States

Genentech, Inc., South San Francisco, CA, United States PATENT ASSIGNEE(S):

(U.S. corporation)

KIND NUMBER DATE 

US 6153189 20001128 US 1998-156923 19980918 (9) PATENT INFORMATION: APPLICATION INFO.:

Continuation of Ser. No. US 1994-359705, filed on 20 RELATED APPLN. INFO.:

Dec 1994, now patented, Pat. No. US 5844092 which is a continuation-in-part of Ser. No. US 1994-286846, filed on 5 Aug 1994, now patented, Pat. No. US 5877016 which is a continuation-in-part of Ser. No. US 1994-215139,

filed on 18 Mar 1994, now abandoned

DOCUMENT TYPE: Utility FILE SEGMENT: Granted

Hutzell, Paula K. PRIMARY EXAMINER: ASSISTANT EXAMINER: Davis, Minh-Tam

Knobbe, Martens, Olson & Bear, LLP LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS: EXEMPLARY CLAIM:

NUMBER OF DRAWINGS: 47 Drawing Figure(s); 28 Drawing Page(s)

LINE COUNT: 4341

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 20 OF 24 USPATFULL L5

ΤI Human trk receptors and neurotrophic factor inhibitors

The invention concerns human trkB and trkC receptors and their AΒ

functional derivatives. The invention further concerns immunoadhesins comprising trk receptor sequences fused to immunoglobin sequences.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2000:21421 USPATFULL

Human trk receptors and neurotrophic factor inhibitors TITLE:

Presta, Leonard G., San Francisco, CA, United States INVENTOR(S):

Shelton, David L., Pacifica, CA, United States

Urfer, Roman, Pacifica, CA, United States

Genentech, Inc., South San Francisco, CA, United States PATENT ASSIGNEE(S):

(U.S. corporation)

NUMBER KIND DATE

\_\_\_\_\_ PATENT INFORMATION: US 6027927

US 6027927 20000222 US 1997-942562 19971001 (8) APPLICATION INFO.:

Continuation of Ser. No. US 1995-444597, filed on 19 RELATED APPLN. INFO.:

May 1995, now abandoned which is a continuation-in-part of Ser. No. US 1994-286846, filed on 5 Aug 1994, now patented, Pat. No. US 5877016 which is a continuation of Ser. No. US 1994-215139, filed on 18 Mar 1994, now

abandoned

DOCUMENT TYPE: Utility FILE SEGMENT: Granted PRIMARY EXAMINER: Teng, Sally

Torchia, Timothy E., Johnston, Sean A. LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS: 17 EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 24 Drawing Figure(s); 26 Drawing Page(s)

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 21 OF 24 USPATFULL

TIHuman trk receptors and neurotrophic factor inhibitors

The invention concerns human trkB and trkC receptors and their AB functional derivatives. The invention further concerns immunoadhesins comprising trk receptor sequences fused to immunoglobulin sequences.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

2000:18252 USPATFULL

TITLE:

Human trk receptors and neurotrophic factor inhibitors Presta, Leonard G., San Francisco, CA, United States

INVENTOR (S):

Shelton, David L., Pacifica, CA, United States

Urfer, Roman, Pacifica, CA, United States

PATENT ASSIGNEE(S):

Genentech, Inc., South San Francisco, CA, United States

(U.S. corporation)

KIND DATE NUMBER \_\_\_\_\_\_

PATENT INFORMATION: APPLICATION INFO.:

US 6025166 US 1995-444622 20000215 19950519 (8)

RELATED APPLN. INFO.:

Continuation of Ser. No. US 1994-286846, filed on 5 Aug 1994, now patented, Pat. No. US 5877016 which is a

continuation-in-part of Ser. No. US 1994-215139, filed

on 18 Mar 1994, now abandoned

DOCUMENT TYPE:

Utility

FILE SEGMENT:

Granted

PRIMARY EXAMINER: ASSISTANT EXAMINER: Hutzell, Paula K. Davis, Minh-Tam

LEGAL REPRESENTATIVE:

Torchia, Timothy E.

NUMBER OF CLAIMS:

33 1

EXEMPLARY CLAIM: NUMBER OF DRAWINGS:

36 Drawing Figure(s); 15 Drawing Page(s)

LINE COUNT:

4660

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 22 OF 24 USPATFULL

Human trk receptors and neurotrophic factor inhibitors TI

The invention concerns human trkB and trkC receptors and their AΒ

functional derivatives. The invention further concerns immunoadhesins comprising trk receptor sequences fused to immunoglobulin sequences.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER:

INVENTOR(S):

1999:65330 USPATFULL

TITLE:

Human trk receptors and neurotrophic factor inhibitors Presta, Leonard G., San Francisco, CA, United States

Shelton, David L., Pacifica, CA, United States

Urfer, Roman, Pacifica, CA, United States

PATENT ASSIGNEE(S):

Genentech, Inc., South San Francisco, CA, United States

(U.S. corporation)

KIND DATE NUMBER \_\_\_\_\_\_

PATENT INFORMATION:

US 1995-457880 19990608

APPLICATION INFO.: RELATED APPLN. INFO.: 19950531 (8)

Continuation of Ser. No. US 1994-286846, filed on 5 Aug 1994 which is a continuation-in-part of Ser. No. US

1994-215139, filed on 18 Mar 1994, now abandoned

DOCUMENT TYPE: FILE SEGMENT:

Utility Granted

PRIMARY EXAMINER: ASSISTANT EXAMINER:

Huff, Sheela Reeves, Julie E

LEGAL REPRESENTATIVE:

Torchia, Timothy E.

NUMBER-OF-CLAIMS:----

NUMBER OF DRAWINGS:

15-

EXEMPLARY CLAIM:

47 Drawing Figure(s); 28 Drawing Page(s)

LINE COUNT:

4244

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ANSWER 23 OF 24 USPATFULL L5

TI Human trk receptors and neurotrophic factor inhibitors

The invention concerns human trkB and trkC receptors and their AB

functional derivatives. The invention further concerns inmunoadhesins comprising trk receptor sequences fused to immunoglobulin sequences.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 1999:27477 USPATFULL

Human trk receptors and neurotrophic factor inhibitors TITLE: Presta, Leonard G., San Francisco, CA, United States INVENTOR(S):

Shelton, David L., Pacifica, CA, United States

Urfer, Roman, Pacifica, CA, United States

PATENT ASSIGNEE(S): Genentech, Inc., South San Francisco, CA, United States

(U.S. corporation)

NUMBER KIND DATE -----

US 5877016 PATENT INFORMATION: US 1994-286846 19990302

APPLICATION INFO.: 19940805 (8)

Continuation-in-part of Ser. No. US 1994-215139, filed RELATED APPLN. INFO.:

on 18 Mar 1994, now abandoned

DOCUMENT TYPE: Utility FILE SEGMENT: Granted

Feisee, Lila Davis Mill PRIMARY EXAMINER: ASSISTANT EXAMINER: Davis, Minh-Tam LEGAL REPRESENTATIVE: Torchia, Timothy E.

NUMBER OF CLAIMS: 18 EXEMPLARY CLAIM:

47 Drawing Figure(s); 28 Drawing Page(s) NUMBER OF DRAWINGS:

LINE COUNT: 4196

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

 $L_5$ ANSWER 24 OF 24 USPATFULL

ΤТ Human TRK receptors and neurotrophic factor inhibitors

The invention concerns human trkB and trkC receptors and their AB

functional derivatives. The invention further concerns immunoadhesins comprising trk receptor sequences fused to immunoglobulin sequences.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 1998:151090 USPATFULL

TITLE: Human TRK receptors and neurotrophic factor inhibitors

INVENTOR(S): Presta, Leonard G., San Francisco, CA, United States

Shelton, David L., Pacifica, CA, United States

Urfer, Roman, Pacifica, CA, United States

Genentech, Inc., S. San Francisco, CA, United States PATENT ASSIGNEE(S):

(U.S. corporation)

NUMBER KIND DATE US 5844092 PATENT INFORMATION:

US 5844092 19981201 US 1994-359705 19941220 (8) APPLICATION INFO.:

Continuation-in-part of Ser. No. US 1994-286846, filed RELATED APPLN. INFO.: on 5 Aug 1994 which is a continuation-in-part of Ser.

No. US 1994-215139, filed on 18 Mar 1994, now abandoned

DOCUMENT TYPE: Utility FILE SEGMENT: Granted PRIMARY EXAMINER: Huff, Sheela ASSISTANT EXAMINER: Reeves, Julie E.

LEGAL REPRESENTATIVE: \_\_Torchia, Timothy E., Johnston, Sean A. \_\_\_\_ \_ \_ \_ \_

NUMBER OF CLAIMS: 19 EXEMPLARY CLAIM: 1

47 Drawing Figure(s); 28 Drawing Page(s) NUMBER OF DRAWINGS:

LINE COUNT: 4265 CAS INDEXING IS AVAILABLE FOR THIS PATENT.